

# INTERNATIONAL SEARCH REPORT

International application No.  
**PCT/AU03/00944**

## A. CLASSIFICATION OF SUBJECT MATTER

Int. Cl. <sup>7</sup>: **A61K 39/015, 39/395, A61P 33/00**

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

**PUBMED, DWPI, CHEM ABS; Keywords; GPI, Inositolglycan, Inositol glycan, Inositolphosphoglycan, Inositolglycan, phosphoglycans, parasite, plasmodium, falciparum**

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category* | Citation of document, with indication, where appropriate, of the relevant passages  | Relevant to claim No. |
|-----------|---|-----------------------|
| X         | WO 00/15254 A (Walter & Eliza Hall Institute of Medical Research)<br>23 March 2000<br>Abstract, Claims, Examples  | 1-65                  |
| X         | Romero G et al, "Anti-inositolglycan antibodies selectively block some of the actions of insulin in intact BC3H1 cells, PNAS, February 1990, vol 87, pages 1476-1480.<br>Abstract   | 43-45                 |
| X         | Naik RS et al, "Glycosylphosphatidylinositol anchors of Plasmodium falciparum: Molecular characterization and naturally elicited antibody response that may provide immunity to malaria pathogenesis" Journal of Experimental Medicine, 4 December 2000, vol 192, no 11, pages 1563-1575.<br>Abstract | 43-62                 |

☒ Further documents are listed in the continuation of Box C

☒ See patent family annex

|   |  |
|---|--|
| * Special categories of cited documents:  |  |
| "A" document defining the general state of the art which is not considered to be of particular relevance  | "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention  |
| "E" earlier application or patent but published on or after the international filing date   | "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone   |
| "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) | "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art |
| "O" document referring to an oral disclosure, use, exhibition or other means  | "&" document member of the same patent family  |
| "P" document published prior to the international filing date but later than the priority date claimed  |  |

Date of the actual completion of the international search  
**9 September 2003**

Date of mailing of the international search report

**13 SEP 2003**

Name and mailing address of the ISA/AU

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C (Continuation).

## DOCUMENTS CONSIDERED TO BE RELEVANT

| Category* | Citation of document, with indication, where appropriate, of the relevant passages   | Relevant to claim No. |
|-----------|--|-----------------------|
| P, X      | Schofield L et al, "Synthetic GPI as a candidate anti-toxin vaccine in a model of malaria, Nature, 15 August 2002, vol 418, pages 785-789.<br>Abstract | 1-65                  |

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

PCT/AU03/00944

This Annex lists the known "A" publication level patent family members relating to the patent documents cited in the above-mentioned international search report. The Australian Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

| Patent Document Cited in<br>Search Report |           |    |          | Patent Family Member |         |
|---|-----------|----|----------|----------------------|---------|
| WO  | 200015254 | AU | 58420/99 | EP                   | 1113815 |
| END OF ANNEX                              |           |    |          |                      |         |